



Pavement Condition Assessment – 2014

City of Manchester, New Hampshire

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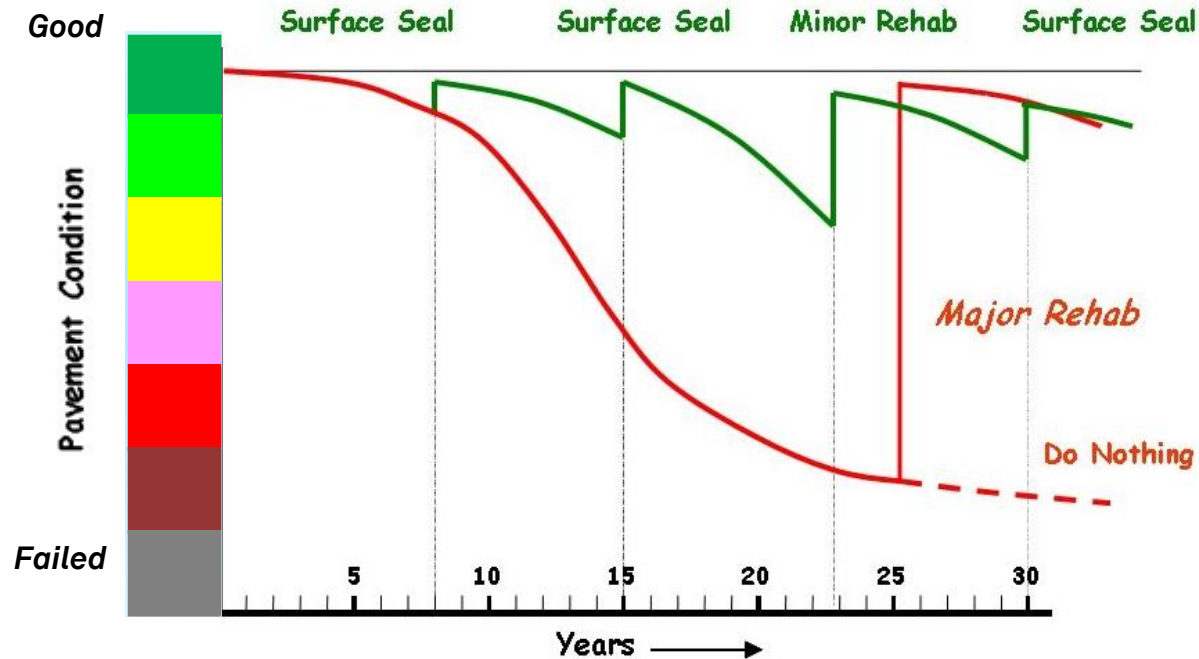
**Good Roads
Cost Less!**

**Keep Your
Good Roads Good!**

A Pavement Management System is a set of tools or methods that assist decision-makers in finding optimum strategies for providing, evaluating, and maintaining pavements in a serviceable condition over a period of time.

What is Pavement Management?

*Pavement Management with
"Good Roads Cost Less"
Preservation Strategies*



State-of-the-Art Imaging Equipment

Collected data on all City owned and maintained streets using high speed image data collection system.



Pavement Inventory – 415 Centerline Miles

Primary Roads

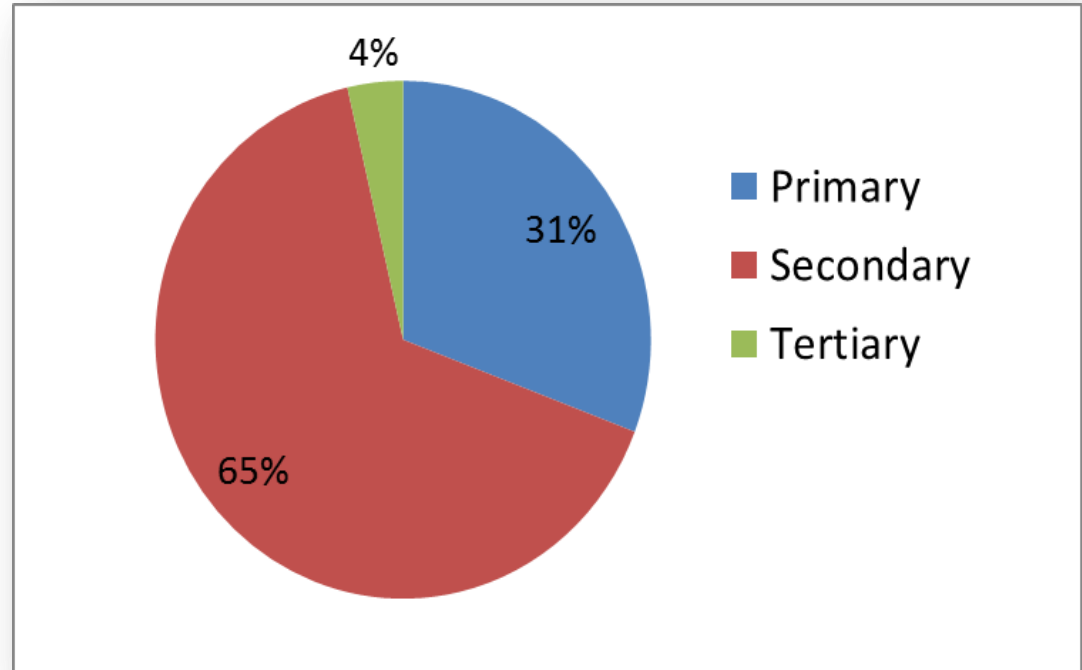
- Maple St
- Hanover St

Secondary Roads

- Notre Dame Ave
- S. Porter St

Tertiary Roads

- Nutfield Ln
- Cedar St South Back



What is the condition of our pavement?

Numeric Condition Scale: Pavement Condition Index (PCI)

PCI



86 - 100 (Good)



71 - 85 (Satisfactory)



56 - 70 (Fair)



41 - 55 (Poor)



26 - 40 (Very Poor)

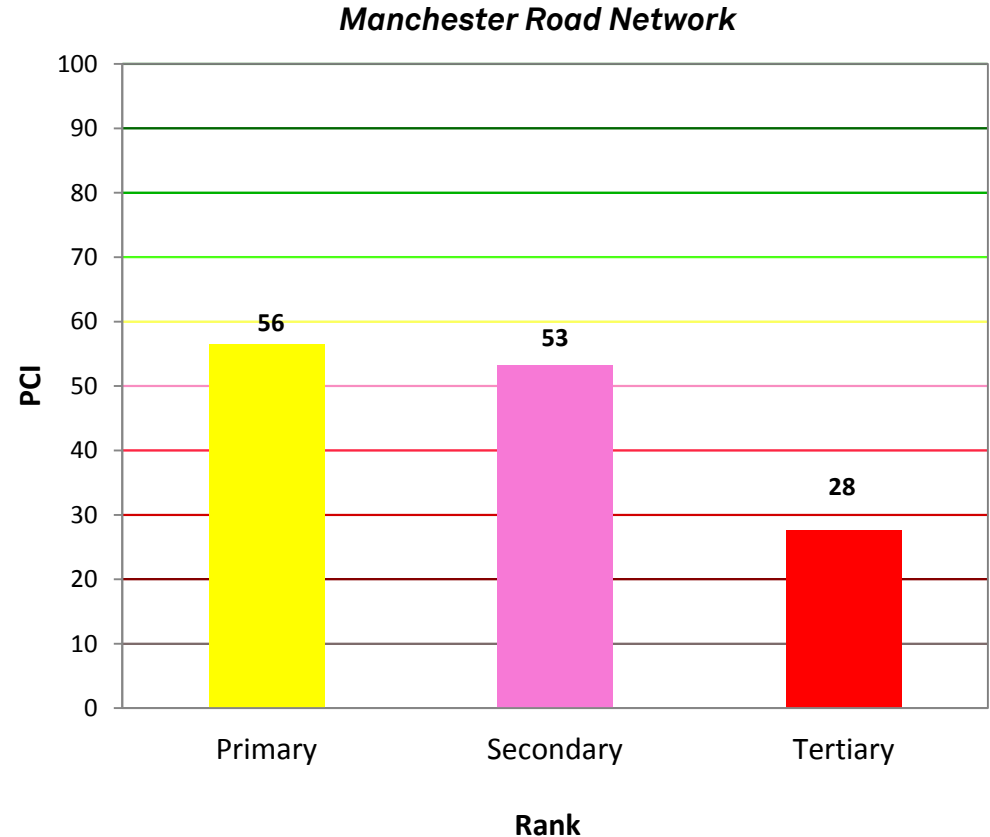


11 - 25 (Serious)



0 - 10 (Failed)

Replacement Value of all Roads: \$280 Million
Current Backlog: \$120 Million

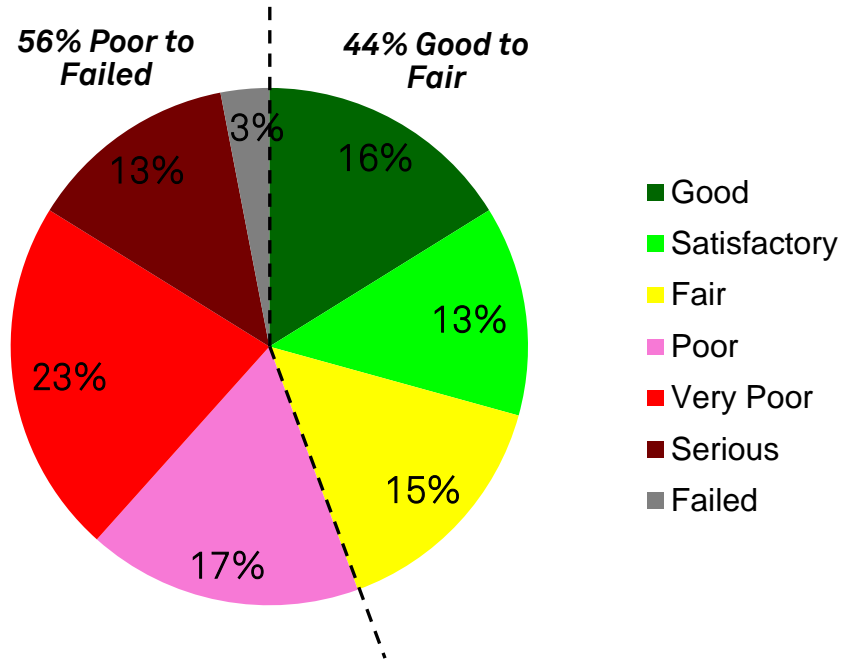


Pavement Condition Index

Good (86-100)



Auburn Street
Branch: 100229



Pavement Condition Index

Satisfactory (71-85)



Aaron Drive
Branch: 100111

Fair (56-70)



Meetinghouse Lane
Branch: 101883

Pavement Condition Index

Poor (41-55)



Maple Street
Branch: 100453

Very Poor (26-40)



Brook Street
Branch: 100453

Pavement Condition Index

Serious (11-25)



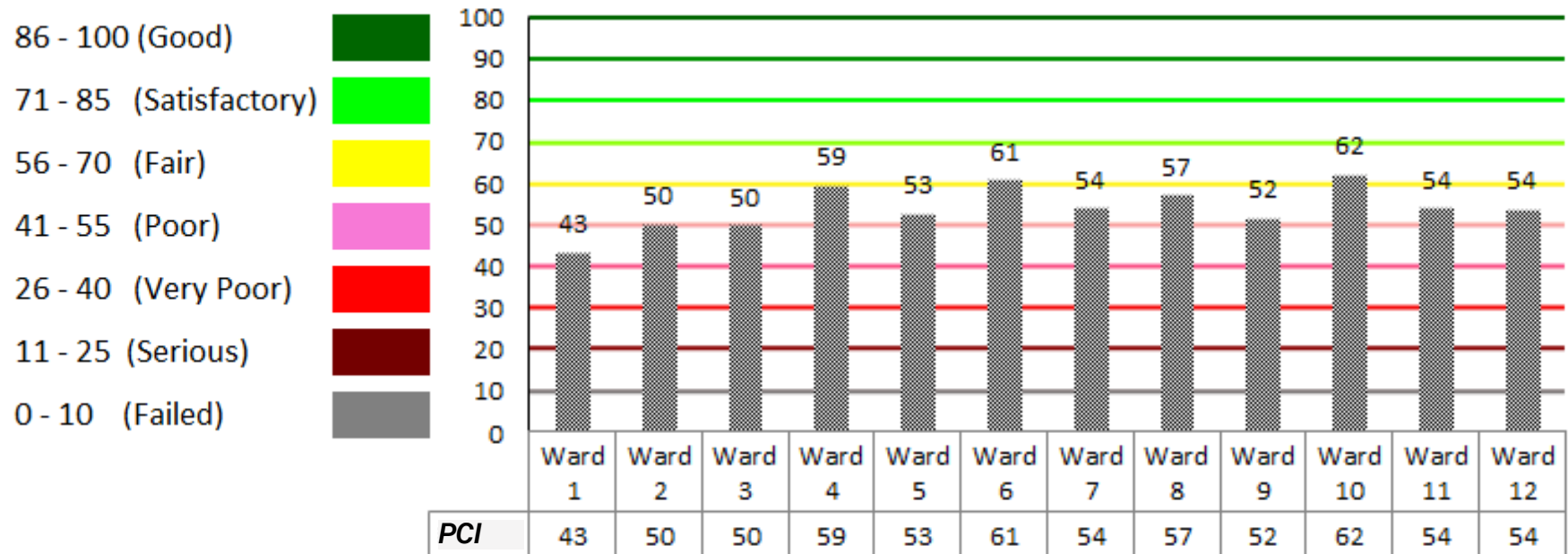
***Eve Street
Branch: 100977***

Failed (0-10)

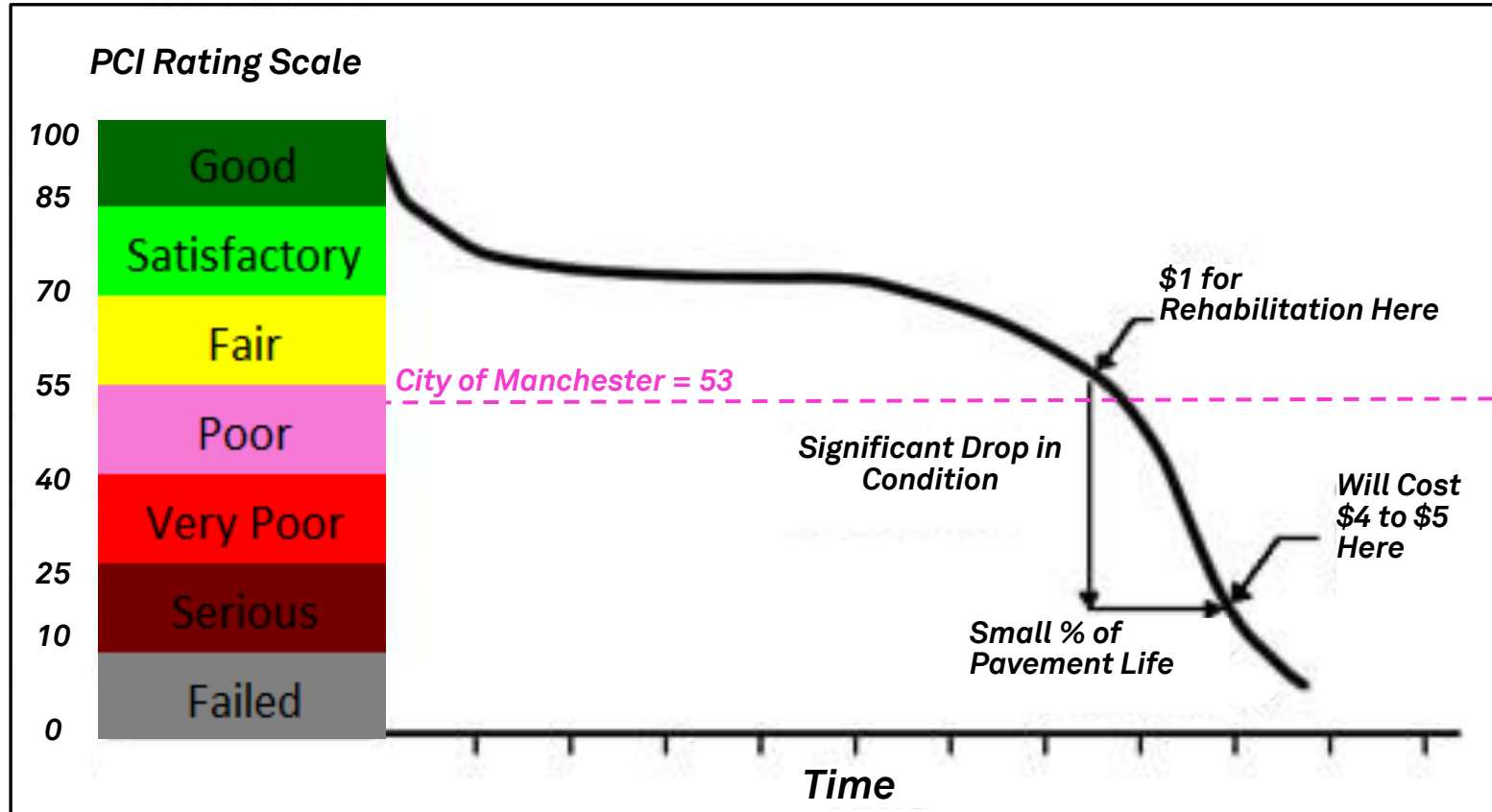


***Elmhurst Ave
Branch: 100947***

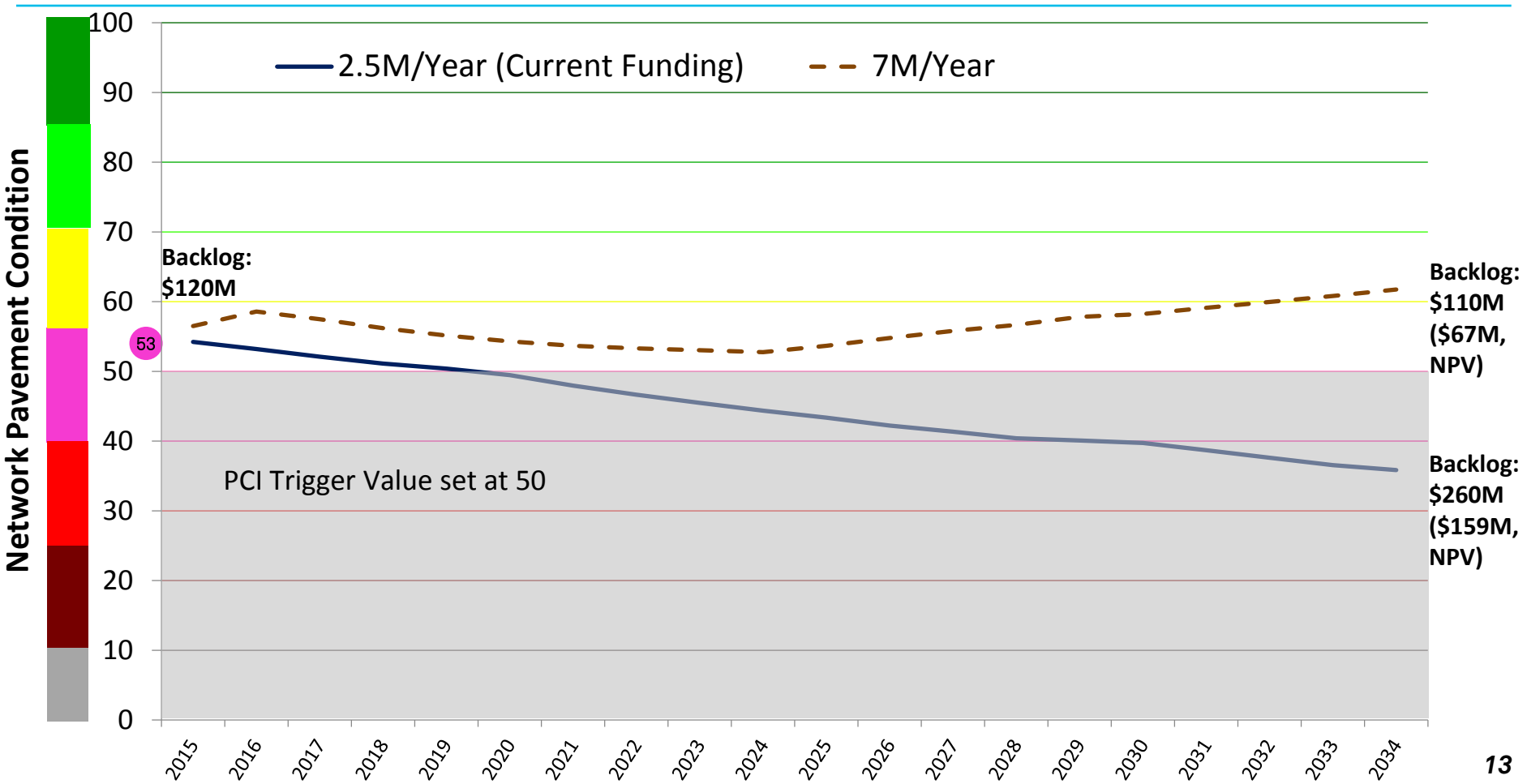
What is the condition of our pavement?



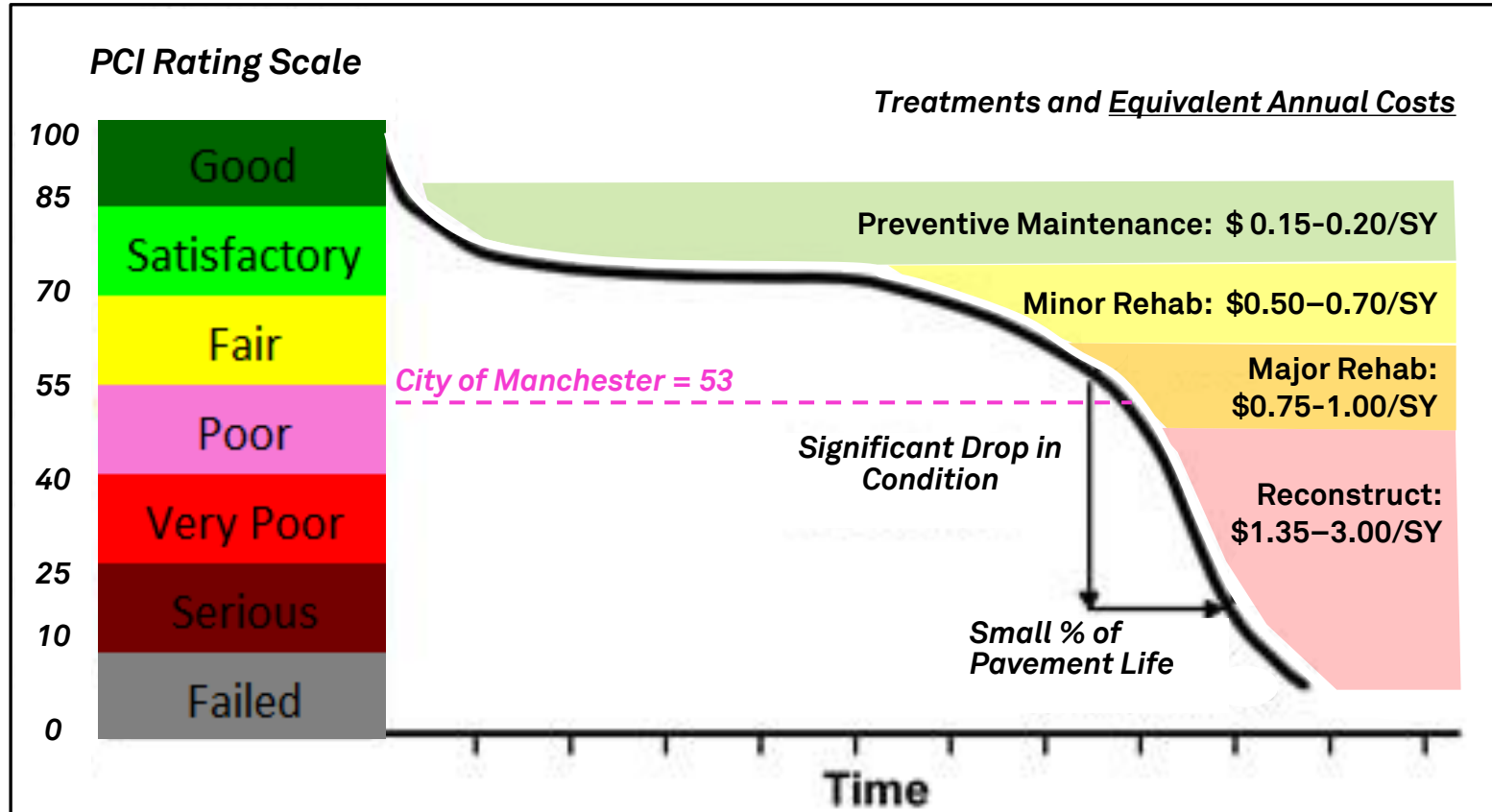
The further roads are allowed to deteriorate, the more costly to maintain...



Cost to Repair



Costs Less to Keep Good Roads Good



Keeping Good Roads Good!

THANK YOU

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